# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 5 | ("2005076097").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/16 15:53 |
| S2 | 2 | ("2002182751").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/17 08:16 |
| S3 | 138895 | ishikawa.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/18 15:32 |
| S4 | 0 | ("kazukiishikawa").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/18 15:34 |
| S5 | 0 | "kazuki ishikawa".in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/18 15:35 |
| S6 | 1 | "kazuki ishikawa" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/18 15:35 |
| S7 | 33 | "ishikawa, kazuki" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/18 15:36 |
| S8 | 1663 | (137/505).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/19 13:32 |

| S9 | 327 | S8 and diaphragm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/19 13:37 |
|---|---|---|---|---|---|---|
| S10 | 8 | S8 and diaphragm and iron | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/19 15:43 |
| S11 | 15 | ("1701185" \| "3195568" \| "3240223" \| "3857407" \| "4257450" \| "5711340").PN. OR ("6155290").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/22 10:00 |
| S12 | 21 | ("20010012575" \| "2519333" \| "2841173" \| "2941543" \| "3086548" \| "3668013" \| "3753446" \| "3926208" \| "4279271" \| "4760866" \| "5381819" \| "5441821" \| "5755254" \| "6155290" \| "6629544").PN. OR ("7157168").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/22 10:36 |
| S13 | 1663 | (137/505).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/22 11:20 |
| S14 | 405 | S13 and (preassembl$3 or pre-assembl$3 or pre assembl$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/22 11:20 |
| S15 | 5 | S13 and (preassembl$3 or pre-assembl$3 or pre ADJ assembl$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/22 11:22 |
| S16 | 7 | ("3812678" \| "4321949" \| "5161864" \| "5354187" \| "5460439").PN. OR ("5941277").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/22 11:27 |
| S17 | 2975 | (137/613).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/22 11:59 |
| S18 | 18585 | pressure adj reduc$3 adj valve | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/22 12:01 |
| S19 | 7581 | pressure adj reduc$3 adj valve | US-PGPUB; USPAT | OR | ON | 2010/11/22 12:01 |

| S20 | 1663 | (137/505).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/22 13:45 |
|---|---|---|---|---|---|---|
| S21 | 3 | S20 and aspirator | US-PGPUB; USPAT | OR | ON | 2010/11/22 13:45 |
| S22 | 6 | S20 and aspirator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/22 13:46 |
| S23 | 96 | (pressure adj reduc$3 adj valve) and (oil adj filter) | US-PGPUB; USPAT | OR | ON | 2010/11/22 13:53 |
| S24 | 18 | ("1701185" \| "2057150" \| "3195568" \| "3240223" \| "3857407" \| "4257450" \| "5711340").PN. OR ("6176256").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/22 14:19 |
| S25 | 6 | ("5632250" \| "5673673" \| "5868122" \| "5983714" \| "6041762").PN. OR ("6568375").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/22 14:19 |
| S26 | 6 | ("4909278" \| "5285810" \| "5538332" \| "5755254").PN. OR ("6629544").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/22 14:19 |
| S27 | 525 | (137/505.11).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/11/22 16:49 |
| S28 | 253 | (137/505.11).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/11/22 16:55 |
| S29 | 708 | (137/505.11,505.18,505.37).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/11/22 16:58 |
| S30 | 0 | 137/505.11 and 137/505.18 and 137/505.37 | US-PGPUB; USPAT | OR | ON | 2010/11/22 16:59 |
| S31 | 0 | 137/505.11.ccls. and 137/505.18.ccls. and 137/505.37.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/22 17:00 |
| S32 | 253 | 137/505.11.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/22 17:00 |
| S33 | 7 | 137/505.18.ccls. and 137/505.37.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/22 17:01 |
| S34 | 77 | 137/505.37.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/22 17:04 |
| S35 | 39 | ("1637764" \| "1646640" \| "1691758" \| "2069808" \| "2103576" \| "2105876" \| "2696714" \| "2707966" \| "2731975" \| "2794321" \| "2896658" \| "2967536" \| "3120377" \| "3184295" \| "3576193" \| "3643683" \| "3712333" \| "4719940" \| "4887639" \| "4946047").PN. OR ("5443083").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/22 17:17 |

| S36 | 525 | 137/505.11.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/22 17:58 |
|---|---|---|---|---|---|---|
| S37 | 124 | 137/505.37.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/22 17:59 |
| S38 | 22 | ("2698026" \| "2770252" \| "2808481" \| "3086548" \| "3204657" \| "3545471" \| "3753446" \| "3911948" \| "5033505" \| "5303734" \| "5381819" \| "5443083" \| "5890512" \| "6079434" \| "6155290" \| "6273117").PN. OR ("7165573").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/23 14:47 |
| S39 | 16 | ("2599577" \| "2661578" \| "2755633" \| "3184295" \| "5285810").PN. OR ("5381819").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/23 14:59 |
| S40 | 16 | ((KAZUKI) near2 (ISHIKAWA)).INV. | US-PGPUB; USPAT | OR | ON | 2010/11/23 16:21 |
| S41 | 661 | 137/505.18.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/23 16:39 |
| S42 | 402 | 137/505.18.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/23 16:41 |
| S43 | 3 | S41 and diaphram | US-PGPUB; USPAT | OR | ON | 2010/11/23 17:30 |
| S44 | 11 | S41 and diaphram | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/23 17:30 |
| S45 | 13 | ("3033578" \| "3455566" \| "3917220" \| "4150737" \| "4444216" \| "4493335" \| "4506693" \| "4572518" \| "4579143" \| "4586533" \| "4681327").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 08:00 |
| S47 | 12 | ("1539630" \| "1955037" \| "20020022171" \| "20020142197" \| "2806481" \| "4228777" \| "4543935" \| "5785023" \| "6155290").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 10:16 |
| S48 | 85 | 137/484.8.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/24 11:12 |
| S49 | 476 | 137/454.5.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/24 11:34 |
| S52 | 30 | S49 and regulator | US-PGPUB; USPAT | OR | ON | 2010/11/24 11:50 |
| S53 | 610 | 137/544.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/24 12:45 |

| S55 | 759 | 137/454.5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/24 12:46 |
|---|---|---|---|---|---|---|
| S56 | 51 | S55 and regulator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/11/24 12:46 |
| S57 | 610 | 137/544.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/24 12:53 |
| S58 | 106 | S57 and (oil or fuel or petroleum) | US-PGPUB; USPAT | OR | ON | 2010/11/24 12:56 |
| S59 | 1165 | (pressure adj reduc$4 adj valve) WITH (oil or fuel or petroleum) | US-PGPUB; USPAT | OR | ON | 2010/11/24 14:17 |
| S60 | 45 | (pressure adj reduc$4 adj valve) WITH (oil or fuel or petroleum) with filter | US-PGPUB; USPAT | OR | ON | 2010/11/24 14:18 |
| S61 | 10 | ("20010004889" \| "5078167" \| "5402817" \| "5533478" \| "5989413" \| "6086752" \| "6098652" \| "6155238" \| "6269835" \| "6453882").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 15:01 |
| S62 | 69 | ("1368475" \| "3416506" \| "3789819" \| "4310142" \| "4326767" \| "4426977" \| "4543938" \| "4570604" \| "4596219" \| "4608957" \| "4616672" \| "4617116" \| "4633901" \| "4664142" \| "4756289" \| "4805575").PN. OR ("5078167").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 15:34 |
| S63 | 18 | ("4254938" \| "4541658" \| "4601497" \| "4936544" \| "4948176" \| "5078167" \| "5402817" \| "5533478" \| "5584318" \| "5782508").PN. OR ("6098652").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/29 07:17 |
| S64 | 23 | ("3061101" \| "3599792" \| "5078167" \| "5389246" \| "5390701" \| "5402817" \| "5433241" \| "5458767" \| "5462658").PN. OR ("5584318").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/29 07:30 |
| S65 | 31 | ("2707966").URPN. | USPAT | OR | ON | 2010/11/29 07:58 |
| S66 | 25 | gotthelf.in. | US-PGPUB; USPAT | OR | ON | 2010/11/29 09:09 |
| S67 | 1 | ("5890512").PN. | US-PGPUB; USPAT | OR | OFF | 2010/11/29 09:11 |
| S68 | 610 | 137/544.ccls. | US-PGPUB; USPAT | OR | ON | 2010/11/29 12:01 |
| S69 | 24 | S68 and resin | US-PGPUB; USPAT | OR | ON | 2010/11/29 12:01 |
| S70 | 0 | ("2007/0295413").URPN. | USPAT | OR | ON | 2010/11/29 12:07 |
| S71 | 98 | S68 and (storage or container or collect$3) | US-PGPUB; USPAT | OR | ON | 2010/11/29 12:08 |
| S72 | 507911 | S68 and drain bolt | US-PGPUB; USPAT | OR | ON | 2010/11/29 13:35 |
| S73 | 0 | S68 and (drain adj bolt) | US-PGPUB; USPAT | OR | ON | 2010/11/29 13:37 |

| S74 | 133 | (drain adj bolt) | US-PGPUB; USPAT | OR | ON | 2010/11/29 13:37 |
|-----|-----|------------------|-----------------|----|----|------------------|
| S75 | 1 | ("4320734").PN. | US-PGPUB; USPAT | OR | OFF | 2010/11/29 13:41 |
| S76 | 45 | ("2795269" \| "3363763" \| "3695438" \| "4208995" \| "4320734" \| "4478197" \| "4479465" \| "4496460" \| "4539965").PN. OR ("4617116").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/29 13:43 |
| S77 | 4 | S68 and (pressure adj reduc$3 adj valve) | US-PGPUB; USPAT | OR | ON | 2010/11/29 13:52 |
| S78 | 1 | ("5078167").PN. | US-PGPUB; USPAT | OR | OFF | 2010/11/29 15:52 |
| S79 | 0 | ("5649561\|5584318").PN. | US-PGPUB; USPAT | OR | OFF | 2010/11/29 15:55 |
| S80 | 1 | ("5649561").PN. | US-PGPUB; USPAT | OR | OFF | 2010/11/29 15:55 |
| S81 | 1 | ("5584318").PN. | US-PGPUB; USPAT | OR | OFF | 2010/11/29 15:55 |
| S82 | 548 | (251/86).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/11/29 17:51 |
| S83 | 41 | back adj pressure adj hole | US-PGPUB; USPAT | OR | ON | 2010/11/30 08:43 |
| S84 | 2 | (back adj pressure adj hole) and (oil adj filter) | US-PGPUB; USPAT | OR | ON | 2010/11/30 08:52 |
| S85 | 16 | (back adj pressure adj hole) and (oil WITH (stor$3 or contain$3 or chamber or room)) | US-PGPUB; USPAT | OR | ON | 2010/11/30 09:02 |
| S87 | 415 | (oil ajd filter) near (relief adj valve) | US-PGPUB; USPAT | OR | ON | 2010/12/01 15:09 |
| S88 | 44 | regulator and ((oil ajd filter) near (relief adj valve)) | US-PGPUB; USPAT | OR | ON | 2010/12/01 15:10 |
| S90 | 1 | regulator and ((oil adj filter) near (relief adj valve)) | US-PGPUB; USPAT | OR | ON | 2010/12/01 15:19 |
| S91 | 0 | regulator.ti. and ((oil adj filter) near (relief adj valve)) | US-PGPUB; USPAT | OR | ON | 2010/12/01 15:20 |
| S92 | 26 | (oil adj filter) near (relief adj valve) | US-PGPUB; USPAT | OR | ON | 2010/12/01 15:21 |
| S93 | 168 | (filter) near (relief adj valve) | US-PGPUB; USPAT | OR | ON | 2010/12/01 16:48 |
| S94 | 3 | ("3283098").URPN. | USPAT | OR | ON | 2010/12/01 16:56 |
| S95 | 0 | (asspirator adj passage) and (asspirator adj tube) | US-PGPUB; USPAT | OR | ON | 2010/12/02 07:11 |
| S96 | 0 | (asspirator adj passage) and tube | US-PGPUB; USPAT | OR | ON | 2010/12/02 07:12 |
| S97 | 0 | asspirator adj tube | US-PGPUB; USPAT | OR | ON | 2010/12/02 07:12 |

**12/ 3/ 2010 11:08:40 AM**
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